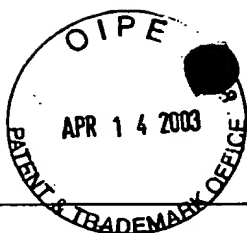| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0077.20 (1778.0120002)	APPLICATION NO. 09/364,786
	APPLICANT Thekkath *et al.*	
	FILING DATE July 30, 1999	GROUP 2672

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
D7C	AA1	4,866,652	09/1989	Chu *et al.*			
D7C	AB1	5,025,407	06/1991	Gulley *et al.*			
D7C	AC1	5,159,665	10/1992	Priem *et al.*			
D7C	AD1	5,206,823	04/1993	Hesson			
D7C	AE1	5,220,524	06/1993	Hesson			
D7C	AF1	5,257,216	10/1993	Sweedler			
D7C	AG1	5,278,949	01/1994	Thayer			
D7C	AH1	5,341,321	08/1994	Karp *et al.*			
D7C	AI1	5,367,650	11/1994	Sharangpani *et al.*			
D7C	AJ1	5,420,966	05/1995	Silverbrook			
D7C	AK1	5,420,971	05/1995	Westerink *et al.*			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

D7C	AR	1	Higaki, N. *et al.*, "A 2.5 GFLOPS 6.5 Million Polygons per Second 4-Way VLIW Geometry Processor with SIMD Instructions and a Software Bypass Mechanism," *1999 IEEE International Solid-State Circuits Conference*, IEEE, 11 pages (publication date unknown, conference dates: February 15-17, 1999).
D7C	AS	1	Hughes, J.K., *PL/I Programming*, John Wiley & Sons, pp. 5, 15, 16, 74, 75, 188, 189, 327, 411-416, 423, 424, 689 and 690 (1973).
D7C	AT	1	Ito, M. *et al.*, "Efficient Initial Approximation for Multiplicative Division and Square Root by a Multiplication with Operand Modification," *IEEE Transactions on Computers*, IEEE, Vol. 46, No. 4, pp. 495-498 (April 1997).

EXAMINER Daniel Chung	DATE CONSIDERED 6/28/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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SKGF Rev. 1/95

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0077.20 (1778.0120002)	APPLICATION NO. 09/364,786
APPLICANT Thekkath *et al.*	
FILING DATE July 30, 1999	GROUP 2672

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
D?C	AA2	5,530,663	06/1996	Garcia *et al.*			
D?C	AB2	5,805,486	09/1998	Sharangpani			
D?C	AC2	5,847,979	12/1998	Wong *et al.*			
D?C	AD2	5,880,983	03/1999	Elliott *et al.*			
D?C	AE2	5,889,690	03/1999	Arakawa			
D?C	AF2	5,892,698	04/1999	Naffziger			
D?C	AG2	5,923,577	07/1999	Wong *et al.*			10/21/1996
D?C	AH2	5,928,316	07/1999	Wong *et al.*			11/18/1996
D?C	AI2	5,999,960	12/1999	Gerwig *et al.*			12/16/1996
D?C	AJ2	6,169,554 B1	01/2001	Deering			06/30/1997
D?C	AK2	6,175,370 B1	01/2001	Kunimatsu			01/31/1997

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

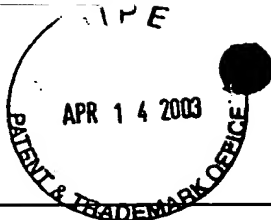| EXAMINER			
D?C	AR	2	Kubosawa, H. *et al.*, "A 2.5-GFLOPS, 6.5 Million Polygons per Second, Four-Way VLIW Geometry Processor with SIMD Instructions and a Software Bypass Mechanism," *IEEE Journal of Solid-State Circuits*, IEEE, Vol. 34, No. 11, pp. 1619-1626 (November 1999) (appears to correspond to document AR1, Hikagi, N. *et al.*).
D?C	AS	2	"MIPS Extension for Digital Media with 3D," MIPS Technologies, Inc., pages 1-26 (March 1997).
D?C	AT	2	"MIPS IV Instruction Set," Revision 3.2, MIPS Technologies, Inc., pages B-21, B-22, B-26, B-28, B-38, B-39, B-40, B-41, B-42, B-47, B-48, B-49, B-55, B-95, B-96 (September 1995).

EXAMINER Daniel Chang	DATE CONSIDERED 6/28/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 0077.20 (1778.0120002)			APPLICATION NO. 09/364,786		
			APPLICANT Thekkath *et al.*					
			FILING DATE July 30, 1999			GROUP 2672		

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DX	AA3	6,249,798 B1	06/2001	Golliver *et al.*			10/10/1996
DZC	AB3	6,275,838 B1	08/2001	Blomgren *et al.*			10/28/1998
DZC	AC3	6,426,746 B2	07/2002	Hsieh *et al.*			03/31/1998
DZC	AD3	4,839,846	06/1989	Hirose *et al.*			
DZC	AE3	5,038,313	08/1991	Kojima			
DZC	AF3	5,511,016	04/1996	Béchade			
DZC	AG3	5,550,767	08/1996	Taborn *et al.*			
DZC	AH3	5,553,015	09/1996	Elliott *et al.*			
DZC	AI3	5,602,769	02/1997	Yu *et al.*			
DZC	AJ3	6,199,089 B1	03/2001	Mansingh			09/18/1998
DZ	AK3	6,510,446 B1	01/2003	Fukagawa			11/22/1999

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

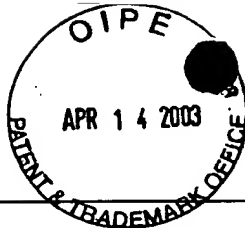|			
DZC	AR	3	"MIPS V Instruction Set," Revision 1.0, MIPS Technologies, Inc., pages B-1 - B-37 (1996).
DZC	AS	3	Sweetman, D., *See MIPS Run*, Morgan Kaufmann Publishers, Inc., ISBN 1-55860-410-3, pp. vii-xiv, 149-173, and 201-242 (1999).
	AT	3	

EXAMINER Daniel J Cheng	DATE CONSIDERED 6/28/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1449	ATTY. DOCKET NO. 0077.20 (1778.0120002)		APPLICATION NO. 09/364,786			
INFORMATION DISCLOSURE STATEMENT	APPLICANT Thekkath *et al.*					
	FILING DATE July 30, 1999		GROUP 2672			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
ᗪᗷᑕ	AA4	5,631,859	05/1997	Markstein *et al.*			
ᗪᗷᑕ	AB4	5,652,875	07/1997	Taylor			
ᗪᗷᑕ	AC4	5,671,170	09/1997	Markstein *et al.*			
ᗪᗷᑕ	AD4	5,701,442	12/1997	Ronen			
ᗪᗷᑕ	AE4	5,768,170	06/1998	Smith			
ᗪᗷᑕ	AF4	5,995,122	11/1999	Hsieh *et al.*			04/30/1998
ᗪᗷᑕ	AG4	5,996,066	11/1999	Yung			10/10/1996
	AH4						
	AI4						
	AJ4						
	AK4						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	
	AS	4	
	AT	4	

EXAMINER Daniel Chung	DATE CONSIDERED 6/28/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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